

# PATENT ABSTRACTS OF JAPAN

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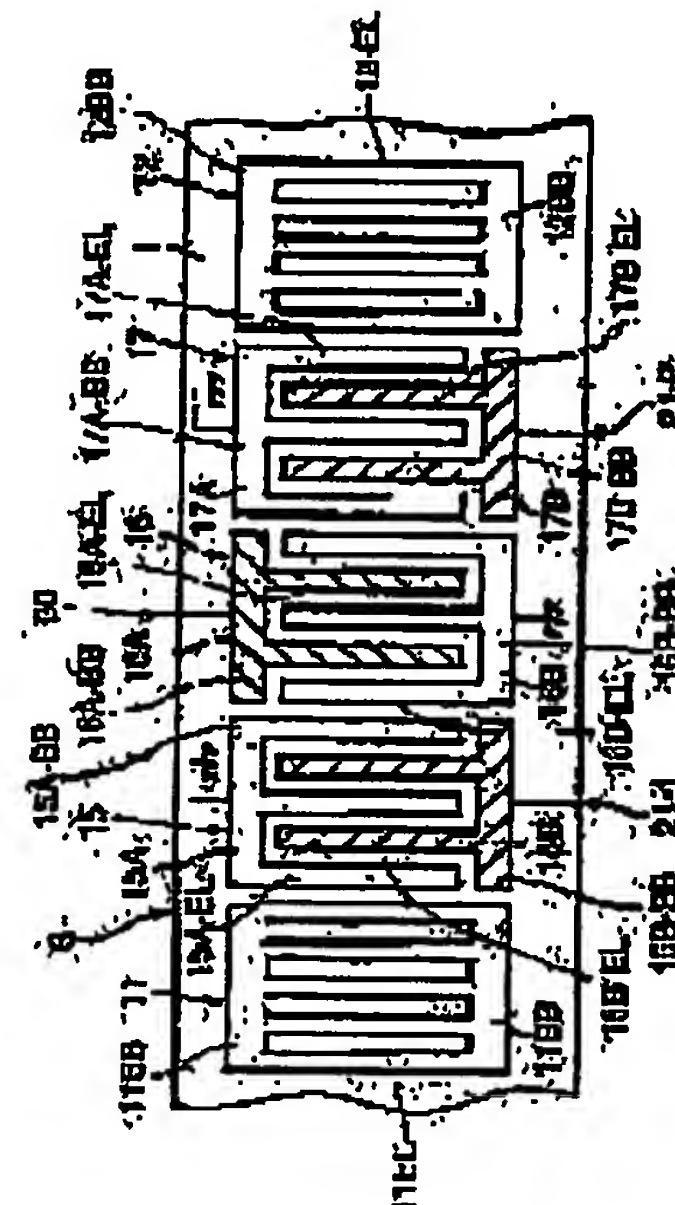
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## (54) SURFACE ACOUSTIC WAVE FILTER DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a surface acoustic wave (SAW) filter device in which filter characteristics can be improved.

**SOLUTION:** A SAW element 8 provided in the SAW filter device has an input side interdigital converter 16 combining a comb-line electrode connected to an input terminal 20 and a comb-line electrode 16B connected to a ground terminal and an output side interdigital converter 15A combining a comb-line electrode 15B connected to an output terminal 21-1 and a comb-line electrode 15A connected to the ground terminal. An electrode finger 16A-EL for input, an electrode finger 15B-EL for output and electrode fingers 15A-EL and 16B-EL for grounding are arranged practically at equal intervals and in the prescribed interval between the electrode finger 16A-EL for input and the electrode finger 15B-EL for output, at least the two electrode fingers 15A-EL and 16B-EL for grounding are arranged.



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